

## PROCEEDINGS OF THE SIXTY-EIGHTH ANNUAL MEETING

JOHN L. ZIMMERMAN, SECRETARY

The Sixty-eighth Annual Meeting of the Wilson Ornithological Society was held Thursday, 28 May to Sunday, 31 May 1986 at Utica College of Syracuse University, Utica, New York in joint session with the Eastern Bird Banding Association. In addition to Utica College, the meetings were sponsored by the Kirkland Bird Club and the Oneida Bird Club. Dr. Judith W. McIntyre chaired the Local Committee on Arrangements composed of Howard Berg, Patty Burchard, Lona Coates, Lorraine Diehl, Jim and Ginny Francis, Bill Gotwald, Fran Hanes, Dave Hazelden, Robert Hurd, Ken Karwowski, Betty Kerwin, Ferne Merrill, Pat McIntyre, Mike MacMahon, Helen Western, and Helene Whittaker.

The Council met from 13:00 to 18:30 on Thursday. Registration for the 154 guests and members began that afternoon and was followed by an evening reception in the Gannett Memorial Library Concourse. The opening session was held in Macfarlane Auditorium in DePerno Hall where the societies were welcomed by the Dean of the College, Dr. Tom Harblin. President Clait Braun responded for the Wilson Society, and Don Schwab, First Vice-President, accepted the welcome for the Eastern Bird Banding Association. The scientific papers presentations were made on Friday and Saturday, with a double session necessary on the afternoon of the first day.

Early morning field trips were scheduled both Friday and Saturday to Utica Marsh and to one of the city parks on Saturday with able leadership provided by the local committee. A spouse-guest tour to Lake Julia and the Oneida Community took place on Friday, and a mushroom exploration was held on Saturday morning. On Sunday, more extensive field trips were conducted to Verona Beach State Park, Rome Sand Plains, and the Jenny Lake banding station. An exhibit, Birds in Art, and a reception were enjoyed by all at the Munson-Williams-Proctor Institute Friday evening. Additionally, an exhibit of some of the bird paintings of Karen Allaben-Confer was available throughout the meeting at the Barrett Art Gallery, just adjacent to library concourse, and the work of Utica College's artist-in-residence, Henry DeSpirto, was on display at the Strebel Micro Gallery on the campus.

The annual banquet was held in the Strebel Student Center on Saturday evening. The following awards were presented:

### EDWARDS PRIZE (for the best major article in volume 98 of *The Wilson Bulletin*)

John S. Warriner, Jane C. Warriner, Gary W. Page, and Lynne E. Stenzel, "Mating systems and reproductive success of a small population of polygamous Snowy Plovers," *Wilson Bull.* 98:15-37.

### LOUIS AGASSIZ FUERTES AWARD

Scott R. Freeman, "A molecular phylogeny of the Icterinae."

### PAUL A. STEWART AWARDS

Toni L. De Santo, "Physiological and ecological factors influencing prey selection in the White Ibis."

- Peter O. Dunn, "Male parental investment, female philopatry, and the mating of Tree Swallows."
- Scott R. Freeman, "The average age of adult passerines."
- Dale E. Gawlik, "A field study of the distribution, abundance, and reproductive success of the Loggerhead Shrike in South Carolina."
- Rogier C. Gruys, "Mortality of a wintering ptarmigan population."
- Malcolm F. Hodges, Jr., "Foraging ecology of the Belted Kingfisher."
- Fred L. Mikesell, "Avian habitat selection in the attenuated riparian forest on the tallgrass prairie."
- Hannah B. Suthers, "Pesticide residues and death in backyard songbirds."
- Teresa M. Telecky, "Roost attendance during the breeding season of the Common Myna."
- Robert J. Welch, "Habitat utilization and behavior of the Red-shouldered Hawk in Wisconsin."

#### MARGARET MORSE NICE AWARD

- L. Scott Johnson, "Singing strategies and rates of polygyny in House Wrens nesting in natural cavities."

ALEXANDER WILSON PRIZE (for best student paper at the meeting; selection committee members—Richard Banks, Mary Clench, and Helmut Mueller) shared by

- Dale E. Gawlik, Winthrop College, South Carolina, "Nesting success and breeding habitat of the Loggerhead Shrike (*Lanius ludovicianus*) in South Carolina."
- John A. Smallwood, The Ohio State University, "A mechanism of sexual segregation by habitat in American Kestrels (*Falco sparverius*) wintering in southcentral Florida."

#### FIRST BUSINESS MEETING

The first business meeting was called to order by President Braun at 08:55, Friday, 29 May in Macfarlane Auditorium. Secretary Zimmerman summarized the highlights of Thursday's Council meeting, reporting that Dr. Charles R. Blem had been elected as the new editor of *The Wilson Bulletin*, effective 1988. He also was pleased to report that the healthy financial status of the Society will not necessitate a dues increase for the coming year, but that an increase may come to pass in the following year. Lastly, Zimmerman asked those attending to stand to honor those members who had died since we last met together—Joseph L. Bell (Rocky Point, NY), Donald L. Bleitz (Los Angeles, CA), John Davis (Carmel, CA), S. Charles Kendeigh (Champaign, IL), John A. Maclean, Jr. (Winnetka, IL), Paul J. Nowland (Greenville, DE), Hollis T. Ross (Lewisburg, PA), Lucy Sierkierski (Columbus, OH), George J. Wallace (East Lansing, MI), and Joel C. Welty (Beloit, WI).

A. S. Gaunt, Chairperson of the Nominating Committee, offered the following slate for consideration by the membership: President—Mary Clench, First Vice-President—Jon Barlow, Second Vice-President—Richard Banks, Secretary—John Zimmerman, Treasurer—Robert Burns, Elected Council Member for 1988–1990—Peter Hicklin.

Robert D. Burns gave the treasurer's report.

REPORT OF THE TREASURER  
1 JANUARY 1986 TO 31 DECEMBER 1986

GENERAL FUNDS

RECEIPTS

Dues collected in 1986

Regular and Sustaining Memberships for 1986 .....	\$ 11,698.00
Regular and Sustaining Memberships for 1987 .....	16,729.00
Student Memberships for 1986 .....	1,424.00
Student Memberships for 1987 .....	1,180.00
Family Memberships for 1986 .....	200.00
Family Memberships for 1987 .....	<u>340.00</u>

TOTAL DUES .....

	\$ 31,571.00
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Subscriptions to *The Wilson Bulletin*

For 1986 .....	\$ 8,157.50
For 1987 .....	<u>12,983.00</u>

TOTAL SUBSCRIPTIONS .....

	\$ 21,140.50
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Back issues of <i>The Wilson Bulletin</i> .....	\$ 2,033.70
Interest and Dividends .....	\$ 21,292.84
Royalties .....	\$ 1,937.77
Contributions from Authors .....	\$ 5,877.30
Contributions to The Van Tyne Library .....	\$ 147.00
Contributions to the Student Membership Endowment .....	\$ 399.00
Contributions to General Endowment (Life Members and Patrons) ...	\$ 3,084.00
Contributions to the Edwards Prize .....	\$ 350.00
Contributions to the Wilson Prize Endowment .....	\$ 290.00
Contributions to the Centennial Fund .....	\$ 1,629.00
Surplus funds from the Annual Meeting .....	<u>\$ 1,650.00</u>

TOTAL RECEIPTS .....

	\$ 91,402.11
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DISBURSEMENTS

*The Wilson Bulletin*

December 1985 .....	\$ 17,262.12
March 1986 .....	15,402.71
June 1986 .....	12,734.04
September 1986 .....	13,757.01
Editorial Expenses .....	3,618.86
Colorplates .....	<u>2,507.54</u>

TOTAL PRODUCTION COSTS .....

	\$ 65,282.28
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OSNA Expenses .....	\$ 8,100.00
Student Awards .....	\$ 2,950.00
Treasurer's Expenses .....	\$ 351.00
Mailings, Student Membership Award Notices .....	\$ 83.85
ICBP Dues .....	\$ 100.00
Subscriptions and OSNA Refunds .....	\$ 2,674.75
Printing and Mailing of Back Issues .....	\$ 200.00
Incorporation Fee .....	\$ 5.00
Bank Charges .....	<u>\$ 6.47</u>

TOTAL DISBURSEMENTS—1 January 1986 to 31 December 1986 .....

	\$ 79,753.35
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1985 DEFICIT .....

	\$ 6,503.99
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## ENDOWMENT FUNDS

Color Plate .....	\$ 29,652.46
Wilson Prize .....	1,863.09
Fuertes/Nice Awards .....	10,120.00
Stewart Awards .....	23,194.75
Edwards Prize .....	1,393.94
Student Member .....	910.11
General Endowment .....	167,243.45

The Editor's report was presented by Keith L. Bildstein.

## EDITOR'S REPORT—1986

In 1986 186 manuscripts (66 papers, 120 communications) were submitted to my office. This is an 11% increase over the number of manuscripts submitted in 1985. Of these, 48% have been accepted, 42% have been rejected, 1% have been withdrawn, 8% have been returned to authors for revision, and 1% are still under review. Based on these figures, I project acceptance rates of 55% for manuscripts submitted as major papers and 50% for manuscripts submitted as short communications. Manuscripts accepted for publication are usually published within 5–9 months of acceptance. Major papers received in 1986 were returned to the author within  $85 \pm 43$  days of receipt. Short Communications received in 1986 were returned within  $72 \pm 48$  days of receipt.

Over the past year I have received essential assistance from many people in the Editorial Office and elsewhere. I thank the staff of the Allen Press, especially Arly Allen, Ken Blair, John Breithaupt, Guy Dresser, and Sharon Kindall. Others that I thank for their outstanding service include: Associate Editors M. W. Collopy, R. N. Conner, J. P. Myers, W. M. Shields, and J. R. Walters; Assistant Editors A. E. Conway, J. A. Hovis, J. W. Johnston, J. B. Olson, D. L. Rankin, D. Gawlik, and A. Wenner; Review Editor George A. Hall; Color Plate Editor W. A. Lunk; Index Editor K. G. Beal; numerous members of the WOS, including C. Braun, S. Gaunt, A. Gaunt, J. Barlow, J. Jackson, and B. Burns; the 190 volunteer referees who reviewed manuscripts for the *Bulletin* during the past 11 months; and Department of Biology secretaries A. Jones and S. Strait.

I view my pending retirement as Editor with mixed emotions. My successor faces the challenges of a Centennial Year replete with numerous special considerations. He also faces a continually changing readership and authorship. Most importantly, he faces the thrill and excitement of editing, something that will most certainly speed his ornithological education, if not his aging process. Editing *The Wilson Bulletin* has been both gratifying and humbling. The responsibility has been enormous, but so has the opportunity to advance my education. I know considerably more now—both about writing and about science—and I hope that evidence of my knowledge has been transmitted through the pages of *The Wilson Bulletin*.

Keith L. Bildstein, *Editor*

Stan Senner, representing the local committee on arrangements for the centennial meeting, reported that the meeting will be held at Rosemont College in suburban Philadelphia on 8–12 June 1988.

## SECOND BUSINESS MEETING

President Braun reconvened the Society for the second business meeting at 13:02 in Macfarlane Auditorium on Saturday, 30 May. The report of the auditing committee was received. Chairperson Zernickow presented the report:

We, the undersigned, have reviewed the financial records presented by the Treasurer, covering the period of 1 January 1986 to 31 December 1986, with the intent of verifying that the records correctly reflect the assets and liabilities of the Society, and the correct and timely posting of income and expenditures during this period. We found no errors or omissions and are satisfied that the financial reports covering operational activities and the various endowment funds are correct. We commend Dr. Robert Burns, treasurer, for his excellent performance in fulfilling the responsibilities of his office for the year 1986, and for taking the initiative to computerize the records on his personal computer.

Herbert P. Zernickow, *Chairman*  
Robert A. Whiting  
William A. Klamm

A motion to accept the report of the Auditing Committee was made by Richard Stiehl, seconded by Jerry Jackson, and passed by the membership.

The Report of the Nominating Committee was recalled to the floor by President Braun and opened for further nominations. In the absence of additional nominees, it was moved by Dick Scott and seconded by Jerry Jackson to close the nominations and accept the slate as presented by the Nominating Committee. With the passage of this motion it then was moved by A. S. Gaunt to elect the slate by acclamation. With a second by Herbert Hendrickson, the motion was passed.

A list of the 153 new members of the Society had been posted at the meeting. Ken Parkes moved and Helen Lapham seconded to accept these new members of the Wilson Ornithological Society. The motion passed.

Richard Stiehl presented the report of the Resolutions Committee.

#### REPORT OF THE RESOLUTIONS COMMITTEE

WHEREAS, the Wilson Ornithological Society has met for the first time with the Eastern Bird Banding Association, and

WHEREAS, the interactions on both social and professional levels were wholeheartedly enjoyed by the members present at Utica College of Syracuse University,

THEREFORE BE IT RESOLVED that sincere and concerted efforts be made to hold additional meetings and that indeed a tradition of joint meetings of the societies be established.

Mary Clench moved and Doug James seconded to accept this resolution. The motion passed.

WHEREAS, Keith L. Bildstein has ably served as Editor of *The Wilson Bulletin* since 1984, and

WHEREAS, he, in this time of service, has maintained and extended the highest standards of excellence in *The Wilson Bulletin*, and

WHEREAS, Dr. Bildstein has simultaneously guided the production of the *Bulletin* with excellent promptness,

THEREFORE BE IT RESOLVED that the membership of the Wilson Ornithological Society at their 68th Annual Meeting at Utica College of Syracuse University extend their sincere appreciation and thanks to Keith L. Bildstein for the excellence of performance during his tenure as Editor of *The Wilson Bulletin*. We wish you well.

It was moved by Judy McIntyre and seconded by Jeff Spendelow to accept this resolution. The motion passed.

WHEREAS, the Wilson Ornithological Society, along with the Eastern Bird Banding Association, have held their joint meeting in pleasant surroundings at Utica College of Syracuse University in New York, and

WHEREAS, the Kirkland Bird Club and the Oneida Bird Club as co-sponsors have jointly been responsible for our relaxed and enjoyable time, and

WHEREAS, the Local Committee on Arrangements, ably chaired by Judith W. McIntyre, has labored long and diligently to assure the success of this first joint meeting of these two societies, and

WHEREAS, balmy weather conditions, a stimulating scientific program, the many opportunities for observations of local birds, the esthetically rewarding presentations of artworks, as well as an introduction to some of the finer wines and beers of New York State all contributed to make this a memorable and superbly organized gathering,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society commends the sponsoring groups and salutes the Local Committee on Arrangements for a job well done.

The motion to accept this resolution was made by Kathleen Klimkiewicz, seconded by Richard Banks, and passed by the membership.

A motion for adjournment was made by George Hall and seconded by Helmut Mueller. Before adjourning, however, the assembled membership gave a standing round of applause to the outgoing President, Clait Braun, for a job well done.

The reports of the standing committees were given as follows:

#### REPORT OF THE COMMITTEE ON STUDENT MEMBERSHIP—1986

A total of 215 letters was sent to Wilson Ornithological Society members with positions at academic institutions asking that they encourage students to apply for a student membership award. Only 6 completed applications were received, although the names of 4 other potential student members were forwarded by one member. Six students are recommended for student membership awards to be given in 1987. They are John M. Bates—University of Arizona, Arlene K. Blumton—Virginia Polytechnic Institute, Mark D. Dixon—Iowa State University, Daniel Esler—Texas A&M University, David A. Haukos—Texas Tech University, and John Kusnier, Jr.—University of Toledo.

Student Membership Awards in the Wilson Ornithological Society were initiated when Mrs. A. M. Bagg donated money to the Society in 1973–74 for this purpose in memory of her husband, President of WOS in 1966–68. The first awards were given in 1975 and were called the Aaron M. Bagg Student Membership Awards. They retained this name through 1982, and became known as Student Membership Awards funded by WOS Council in 1983. From 1975 through 1983, a total of 176 awards was given of which 92 (52%) of the recipients were still members of WOS in 1985.

Different methods have been used to solicit applications for Student Membership Awards, ranging from large mailings (200 to 850 letters/year) to printing announcements of the awards in the *Ornithological Newsletter* and *The Wilson Bulletin*. No one method has been more effective than another. Council is encouraged to reconsider the thrust and need for continuation of Student Membership Awards.

Clait E. Braun, *Acting Chairperson*

#### MEMBERSHIP COMMITTEE REPORT—1986

A new updated membership brochure (blue) was printed in early 1986 and quantities were sent to key people within the WOS Council. In addition, letters and copies of the

brochure were sent to over 200 WOS members who had academic positions for the purpose of making them available to interested faculty, staff, and students. Almost no feedback was received regarding this effort, although less than 5 requests for more brochures were received. Additionally, 3 WOS members were asked to chair the WOS Membership Committee with restructured priorities (especially concentrating on state ornithological groups). The chair of this committee was not filled. Council should reconsider the need for and thrust of the Membership Committee.

Clait E. Braun, *Acting Chairperson*

#### LIBRARY COMMITTEE REPORT—1986

During the year 1986, the Josselyn Van Tyne Library activities continued much as usual, without any particular fanfare but with results at the levels we have come to expect: some modest increases and a few slight drops, in the summary figures. Once again, let us be thankful that Janet Hinshaw can manage along with her many duties to keep our affairs organized and pretty well up to date. The committee itself having remained unchanged for a number of years, we are pleased with the appointment of Mary McKittrick (newly arrived at U. of M.) as an additional member.

The promised publication, "A Bibliography of Ornithological Translations," by D. Siegel-Causey and Janet Hinshaw, has now appeared in *Current Ornithology*, vol. 4. It includes the considerable collection of translations available in our library.

From a total of 31 generous members came 1237 donated items, including 65 books, 850 journal issues, 246 reprints, 11 theses or dissertations, 62 reports, 1 translation, and 1 computer program. The donors were: G. F. Barrowclough, R. D. Bayer, A. J. Berger, R. B. Clapp, C. T. Collins, W. N. Davey, S. M. Doehlert, J. Gapzynski, L. Garret (for Patuxent W. R. C. Library), S. M. Goodman, G. A. Hall (for *Wilson Bulletin* review copies), K. W. Haller, P. Hamel, J. G. Hinshaw, S. Holohan, M. Kynast (for Univ. Detroit Library), H. Lapham, F. E. Lohrer, K. Meyer, E. H. Miller, S. B. McNair, R. B. Payne, T. H. Pogson, R. L. Phillips, W. V. Reid, W. R. Solomon, R. W. Storer, W. and C. Taylor, W. Thiede, and L. R. Wolfe.

Although the swelling list is gratifying, we should urge even more members to contribute. Items that do not find their way directly to our shelves can be just as valuable through sales to support the New Book Fund.

This year, the above mentioned fund took in \$350.50 from the sale of 25 duplicate books and 69 journal issues. For \$220.30 we purchased books, records, indices, reports, etc., totaling 28 items.

The library received 210 journals and other items: 159 titles from 117 direct exchanges, 40 titles from 29 gifts, and 11 titles from 7 subscriptions.

Best of all, our list of loans keeps gradually growing—and this is, after all, where the membership reaps its most direct benefits. In 82 transactions, loans of 291 journals, books, and photocopies went to 47 individuals.

The committee thanks everyone who has helped, and urges an ever-broadening base of support.

William A. Lunk, *Chairperson*

#### CONSERVATION COMMITTEE REPORT—1986

This year's report is presented as two papers submitted for publication to *The Wilson Bulletin*: "Conservation of North American Rallids" by William R. Eddleman, Fritz L.

Knopf, Brooke Meanley, Frederic A. Reid, and Richard Zembal, and "Conservation of riparian ecosystems in the United States" by Fritz L. Knopf, R. Roy Johnson, Terrell Rich, Fred B. Samson, and Robert C. Szaro.

The Committee on Scientific Program (Jon C. Barlow, Chair, Heather Ardies, and Elsa Melynychuk) with the help of session moderators John Zimmerman, Dick Banks, Doug James, George Hall, Dick Stiehl, Mary Clench, Richard Conner, Jerry Jackson, and A. S. Gaunt offered the following program:

#### PAPER SESSIONS

- L. L. Short, Dept. Ornithology, American Museum of Natural History, New York, NY; J. F. M. Horne, National Museum Kenya, Nairobi, Kenya; and J. A. Jackson, Dept. Biological Sciences, Mississippi State Univ., Mississippi State, MS, "The current status of the Ivory-billed Woodpecker in Cuba."
- J. C. Barlow and M. K. Peck, Dept. Ornithology, Royal Ontario Museum, Toronto, ONT, "Status of two Caribbean scrub vireos."
- W. H. Knight, Dept. Zoology, Univ. Toronto, Toronto, ONT, "Patterns of endemism in the birds of Wallacea."
- J. W. Hardy, Florida State Museum, Gainesville, FL, "New nightjar sound recordings and their bearing on *Caprimulgus saturatus* and *C. sericocaudatus*."
- R. C. Banks, U.S. Fish and Wildlife Service, National Museum of Natural History, Washington, DC, "Geographic variation in the Yellow-billed Cuckoo (*Coccyzus americanus*)."
- J. D. Webster, Hanover College, Hanover, IN, "Skeletal characters and the genera of warblers."
- D. F. Stotz, Committee on Evolutionary Biology, Univ. Chicago, Chicago, IL, "Phenotypic correlation patterns in Swamp Sparrow (*Melospiza georgiana*) flight feathers."
- D. S. Wood, Carnegie Museum of Natural History, Pittsburgh, PA, "The occurrence and use of collections of spread wings."
- N. S. Mueller, Dept. Biology, North Carolina Central Univ., Durham, NC, "Experimental study of neonatal tolerance in Mallard ducklings (*Anas platyrhynchos*)."
- N. Sabine, Dept. Zoology, Brigham Young Univ., Provo, UT, "Do communal roosts serve as information centers for Bald Eagles?"
- D. James, J. Fitzgerald, and C. Riley, Dept. Zoology, Univ. Arkansas, Fayetteville, AR, "Relationships between population levels of wintering Bald Eagles and other raptors in northwestern Arkansas."
- H. C. Mueller, Dept. Biology, Univ. North Carolina, Chapel Hill, NC, "Fall migrations of Cooper's Hawks (*Accipiter cooperii*) at Cedar Grove, WI, 1936-86."
- D. Klem, Jr., Dept. Biology, Muhlenberg College, Allentown, PA; S. E. Senner and L. H. Goodrich, Hawk Mountain Sanctuary Association, Kempton, PA, "Trends in numbers of migrating raptors at Hawk Mountain Sanctuary from 1934 to 1986."
- C. R. Chandler, Dept. Biology, Bowling Green State Univ., Bowling Green, OH; and R. S. Mulvihill, Carnegie Museum of Natural History, Pittsburgh, PA, "Wing shape variation in the Dark-eyed Junco (*Junco hyemalis*)."
- K. E. Parker and R. L. Miller, Wildlife Resources Center, Delmar, NY, "Status of New York's Common Loon population—comparison of two intensive surveys."
- J. A. Spendelov, U.S. Fish and Wildlife Service, Patuxent Research Center, Laurel, MD, "Population dynamics of Roseate Terns in Connecticut: modeling annual survivorship using capture-recapture models."
- S. Droege and J. R. Sauer, U.S. Fish and Wildlife Service, Laurel, MD, "Changes in abundance of selected North American breeding bird populations over the past 20 years."



- D. A. Gross, Susquehanna Biology Lab., Berwick, PA, "Relatively stable or increasing breeding bird populations in two Pennsylvania forest plots."
- E. K. Bollinger, T. A. Gavin, and D. C. McIntyre, Dept. Natural Resources, Cornell Univ., Ithaca, NY, "Comparison of line transect and variable circular-plot methods for estimating Bobolink (*Dolichonyx oryzivorus*) densities."
- R. T. Engstrom and G. S. Butcher, Cornell Laboratory of Ornithology, Ithaca, NY, "Using colonial bird register data to monitor population trends in the Least Tern (*Sterna antillarum*)."
- R. S. Mulvihill, D. S. Wood, and R. C. Leberman, Carnegie Museum of Natural History, Pittsburgh, PA, "Seasonal variation in the sex ratio of Ruby-throated Hummingbirds."
- S. Wiles-Ehmann and W. M. Shields, College of Environmental Science and Forestry, SUNY, Syracuse, NY, "Mixed reproductive strategy in the Barn Swallows (*Hirundo rustica*)."
- B. D. Watts, Dept. Biology, College of William and Mary, Williamsburg, VA, "Parental defense decisions: as evidenced by temporal trends in predator-related clutch mortality."
- Beatriz Torres, Dept. Zoology, The Ohio State Univ., Columbus, OH, "Why do Hoatzins copulate so much?"
- R. W. Dexter, Dept. Biological Sciences, Kent State Univ., Kent, OH, "Incompatibility and nesting failure in a breeding colony of Chimney Swifts (*Chaetura pelagica*)."
- B. Whitmar, II, Dept. Biology, Southeast Missouri State Univ., Cape Girardeau, MO, "Quantification of nesting site components in the Mississippi Kite (*Ictinia mississippiensis*)."
- D. E. Gawlik, Dept. Biology, Winthrop College, Rock Hill, SC, "Nesting success and breeding habitat of the Loggerhead Shrike (*Lanius ludovicianus*)."
- G. H. Farley, Div. Biology, Kansas State Univ., Manhattan, KS, "Comparative breeding habitat selection of two coexisting passerines: Bell's Vireo (*Vireo bellii*) and Bewick's Wren (*Thryomanes bewickii*)."
- J. A. Sedgwick and F. L. Knopf, U.S. Fish and Wildlife Service, National Ecology Center, Ft. Collins, CO, "Habitat relationships of cavity-nesting birds in plains cottonwood bottomlands."
- J. L. Confer, C. A. Braun, and M. M. Jackson, Biology Dept., Ithaca College, Ithaca, NY, "Downy Woodpecker (*Picoides pubescens*) foraging strategies: predation on insects in goldenrod galls."
- M. S. Woodrey and T. A. Waite, Dept. Zoology, The Ohio State Univ., Columbus, OH, "Diurnal rhythms in caching rate and body mass in White-breasted Nuthatches: trade-off between the risks of starvation and predation?"
- K. C. Parkes, Carnegie Museum of Natural History, Pittsburgh, PA, "Was the Socorro Mockingbird (*Mimodes graysoni*) a predator on small birds?"
- M. Brittingham, Dept. Wildlife Ecology, Univ. Wisconsin, Madison, WI, "Does winter bird-feeding promote dependency?"
- D. K. Dawson, J. R. Sauer, and J. K. Klimkiewicz, U.S. Fish and Wildlife Service, Laurel, MD, "Body mass and fat score dynamics in relation to weather in seven winter resident bird species in Maryland."
- M. Clench and J. R. Mathias, Univ. Virginia, Charlottesville, VA, "The cecum: an environmentally responsive, multipurpose organ."
- K. E. Parker, Wildlife Resources Center, Delmar, NY, "Common Loon reproduction on acidified lakes in Adirondack Park, New York."
- B. Sample, Dept. Entomology & Applied Ecology, Univ. Delaware, Newark, DE, "Effects of a single oral dose of carbaryl on nestling Wood Thrush."
- H. B. Suthers, Dept. Biology, Princeton Univ., Princeton, NJ, "Pesticide residues and death in backyard songbirds."

- R. N. Conner, Southern Forest Experiment Station, USDA Forest Service, Nacogdoches, TX, "2,4-D injection to remove hardwood midstory within Red-cockaded Woodpecker (*Picoides borealis*) colonies."
- J. N. Page, Dept. Environmental Conservation, Region 6, Utica, NY, "Habitats and their fauna, two state wetland acquisitions in Oneida and Herkimer counties, New York."
- B. L. Swift, Dept. Environmental Conservation, Delmar, NY, "Avian breeding habitats in Hudson River tidal marshes."
- D. C. Morimoto, Biology Dept., Boston Univ., Boston, MA, "Habitat relationships of birds in southeastern Massachusetts pine barrens."
- J. L. Confer and M. H. Frech, Biology Dept., Ithaca College, Ithaca, NY, "The Golden-winged Warbler (*Vermivora chrysoptera*) in New York: changes in range, abundance and habitat use."
- K. J. Schneider, New York Natural Heritage Program, Wildlife Resources Center, Delmar, NY, "Heritage Programs: making conservation good science."
- A. Burchsted, Dept. Biology, College of Staten Island, Staten Island, NY, "Winter territories of Yellow-rumped Warblers (*Dendroica coronata*) associated with Yellow-bellied Sapsucker (*Sphyrapicus varius*) feeding trees."
- J. A. Smallwood, Dept. Zoology, The Ohio State Univ., Columbus, OH, "A mechanism of sexual segregation by habitat in American Kestrels (*Falco sparverius*) wintering in south-central Florida."
- M. A. Graham, Dept. Fishery and Wildlife Biology, Colorado State Univ., Ft. Collins, CO; and C. E. Braun, Colorado Div. Wildlife, Ft. Collins, CO, "Changes in territory size of White-tailed Ptarmigan."

## ATTENDANCE

ARKANSAS: *Fayetteville*, Douglas James.

COLORADO: *Fort Collins*, Clait Braun, James Sedgwick.

CONNECTICUT: *Guilford*, Fred C. Sibley, Margaret Sibley; *Manchester*, Paul Lescault.

DELAWARE: *Newark*, Bradley Sample.

DISTRICT OF COLUMBIA: *Washington*, Richard Banks.

FLORIDA: *Gainesville*, J. William Hardy; *Lehigh Acres*, Ben Kiff, Maxine Kiff.

ILLINOIS: *Chicago*, Douglas Stotz; *Charleston*, L. Barrie Hunt, Mrs. L. Barrie Hunt.

INDIANA: *Hanover*, Dan Webster, Juanita Webster; *Notre Dame*, Doris Watt.

KANSAS: *Manhattan*, Greg Farley, John Zimmerman.

MAINE: *Buckfield*, Patricia Ledlie.

MARYLAND: *Aberdeen*, Barbara Bilsborough; *Annapolis*, Mark Hoffman; *Laurel*, Deanna Dawson, Sam Droege, Kathleen Klimkiewicz, John Sauer, Jeffrey Spendelow; *Towson*, Gladys Cole.

MASSACHUSETTS: *Boston*, David Morimoto, Sandra Morimoto.

MICHIGAN: *Ann Arbor*, Robert Storer, Louise Storer; *Jackson*, Robert Whiting; *Pleasant Lake*, Hubert Zernickow.

MISSISSIPPI: *Mississippi State*, Jerome A. Jackson.

MISSOURI: *Cape Girardeau*, Dick Stiehl, Bill Whitmar.

NEW HAMPSHIRE: *Lebanon*, Peter Stettenheim; *Sunapee*, Susan Anacker.

NEW JERSEY: *Cedar Grove*, Chris Rose, Ruth Rose; *Edison*, Robert Colburn; *Hopewell*, Hannah Suthers; *Howell*, Allen Lubchansky; *Mendham*, Susannah Graedel, Laura Graedel; *Ramsey*, Steve Rashkin; *Trenton*, Mary Doscher; *Warren*, Jay Holovacs, A. Rashkin.

NEW YORK: *Albany*, Scott Crocoll; *Allegany*, Stephen Eaton, Betty Eaton; *Apalachin*, Glenys Curran; *Binghamton*, Barbara Thomas; *Brooktondale*, Karen Allaben-Confer; *Camillus*,

Richard Roberts; *Candor*, Robert Pantle, Rita Pantle; *Delmar*, Karl Parker, Kathryn Schneider, Bryan Swift; *Ellenville*, Valerie Freer; *Ithaca*, Eric Bollinger, Cindy Braun, Greg Butcher, John Confer, Todd R. Engstrom, Christine Haselbach, Robb Reavill, Charles Smith, Scott Sutcliffe, Charles Walcott; *Lansing*, Helen Lapham; *Limestone*, Regina Vanscoy; *Middleport*, Thomas Klonowski; *Newark Valley*, Judith Bell, Lois Bingley; *New Rochelle*, Anna E. Ross; *New York City*, Dean Amadon, Tavvy Amadon, Susan Drennan, Jennifer Horne, Tony Leukering, Lester Short; *Oyster Bay*, William Kolodnicki; *Phoenix*, Cathy Slack, Roy Slack; *Purchase*, James Utter; *Schenectady*, Robert Yunik; *Staten Island*, Albert Burchsted, Denelle Burchsted; *Syracuse*, Paul DeBenedictis, Margaret Rusk, Sarah Wiles-Ehmann; *Utica*, Kenneth Karwowski, Judith McIntyre, J. Patrick McIntyre; *Vestal*, Sadie Dorber; *Voorheesville*, George Clark.

NORTH CAROLINA: *Chapel Hill*, Helmut Mueller, Nancy Mueller; *Greensboro*, H. T. Hendrickson.

OHIO: *Bowling Green*, Ray Chandler; *Columbus*, Brad Andres, Abbot Gaunt, Sandra Gaunt, John Smallwood, Mary Anne Smallwood, Beatriz Torres, Thomas Waite, Mark Woodrey; *Gambier*, Jeanette Burns, Robert Burns; *Kent*, Ralph W. Dexter; *Lakewood*, Nancy Klamm, William Klamm.

PENNSYLVANIA: *Allentown*, Daniel Klem; *Berwick*, Douglas Gross; *Bloomsbury*, Robert Sager; *Bryn Athyn*, Emily Smith, Gale Smith; *Clarksville*, Ralph Bell; *Hatfield*, Harry Mankonen; *Indiana*, Pat Merritt, Robert Merritt; *Kempton*, Stanley Senner; *Pittsburgh*, Kenneth Parkes, D. Scott Wood; *Rector*, Robert Leberman, Robert Mulvihill.

SOUTH CAROLINA: *Rock Hill*, Keith Bildstein, Dale Gawlik.

SOUTH DAKOTA: *Vermillion*, Byron Harrell.

TENNESSEE: *Knoxville*, Beth Lacy; *Maryville*, Ralph Zaenglein.

TEXAS: *Nacogdoches*, Richard Conner.

VERMONT: *Fairfax*, Patricia Taber; *Northfield*, William Barnard; *Woodstock*, Walter Ellison, Sarah Laughlin, Nancy Martin.

VIRGINIA: *Charlottesville*, Mary Clench; *Richmond*, Charles Blem, Leann Blem; *Suffolk*, Don Schwab; *Williamsburg*, Bryan D. Watts.

WEST VIRGINIA: *Morgantown*, George Hall; *Ona*, Leon Wilson.

WISCONSIN: *Madison*, Margaret Brittingham.

ONTARIO: *Toronto*, John Barlow, W. Henry Knight, Margaret May.